

Attorney's Docket No. 5470-276

TECHNOLOGY CENTER R0700

NOV 1 4 2002

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: MacDonald et al. Serial No.: 10/069,305

Confirmation No.: 1963 Group Art Unit: 3761

Filed: June 6, 2002

Antibody Dependent Enhancement (ADE) of Alphavirus Infection

Date: November 7, 2002

Commissioner for Patents Washington, DC 20231

INFORMATION DISCLOSURE STATEMENT

Sir:

For:

Attached is a form PTO-1449, together with a copy of the identified document(s). This Information Disclosure Statement is submitted in accordance with 37 C.F.R. § 1.97(b), within three months of the filing date of the above-referenced application or before the mailing of a first Office Action on the merits, whichever event occurs last. Accordingly, no fee is required. The Commissioner is authorized to charge any additional fee, or credit any refund, to our Deposit Account No. 50-0220.

Respectfully submitted,

Karen A. Magri

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I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on November 7, 2002.

Clara R. Beard

'Serial No. FORM PTO-1449 U.S. Department of Commerce Attorney Docket Number Patent and Trademark Office 10/069,305 5470-276 LIST OF DOCUMENTS CITED BY APPLICANT NOV 1 4 2002 (Use several sheets if necessary) Applicants: TECHNOLOGY CENTER D2700 MacDonald et al. Filing Date: Group June 6, 2002 3761 & PRADEN **DOCUMENTS** Examiner Document Filing Date **Initial** Number Date Name Class Subclass if Appropriate 1. 5994126 11/30/99 Steinman et al. 435 325 2. 6004807 12/21/99 Banchereau et al. 435 325 FOREIGN PATENT DOCUMENTS Document Translation Number Date Country Class Subclass Yes | No 3. WO 9532733 12/07/95 WO A61K 39/193 X OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) 4. Barrett, A.D.T. & E.A. Gould "Antibody-mediated Early Death in vivo after Infection with Yellow Fever Virus." Journal of General Virology 67:2530-2542 (1986). 5. Bowers, W.E. & E.M. Goodell "Dendritic cell ontogeny." Research in Immunology 140(9):880-883 (1989).6. Chanas, A.C., et al. "Monoclonal Antibodies to Sindbis Virus Glycoprotein EI can Neutralize, Enhance Infectivity, and Independently Inhibit Haemagglutination or Haemolysis." Journal of General Virology 58:37-46 (1982). 7. Davis, Nancy L., et al. "Vaccination of Macaques against Pathogenic Simian Immunodeficiency Virus with Venezuelan Equine Encephalitis Virus Replicon Particles." Journal of Virology 74(1):371-378 (2000).8. Flynn, Daniel C., et al. "Antibody-Mediated Activation of Sindbis Virus." Virology 166:82-90 (1988). 9. Füst, G. "Enhancing antibodies in HIV infection." Parasitology Supplemental 115:127-140 (1997). 10. Guyre, Paul M. et al. "Increased potency of Fc-receptor-targeted antigens." Cancer Immunology, Immunotherapy 45:146-148 (1997). Hawkes, R.A. & K.J. Lafferty "The Enhancement of Virus Infectivity by Antibody." Virology 33:250-11. 261 (1967). 12. Heufler, Christine, et al. "Granulocyte/Macrophage Colony-Stimulating Factor and Interleukin 1 Mediate the Maturation of Murine Epidermal Langerhans Cells into Potent Immunostimulatory Dendritic Cells."

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